

SIMATIC DP, EXPANSION MODULE EM 141, ET 200X, 8DI 24V DC, 5-PIN M12, DOUBLE-ASSIGNMENT PROTECTION IP65, FOR ALL BASIC MODULES

|                                                                 |                           |
|-----------------------------------------------------------------|---------------------------|
| <b>Input current</b>                                            |                           |
| from backplane bus 5 V DC, max.                                 | 16 mA                     |
| <b>Power loss</b>                                               |                           |
| Power loss, typ.                                                | 1.5 W                     |
| <b>Digital inputs</b>                                           |                           |
| Number of digital inputs                                        | 8                         |
| Input characteristic curve in accordance with IEC 61131, type 2 | Yes                       |
| <b>Input voltage</b>                                            |                           |
| • Rated value (DC)                                              | 24 V                      |
| • for signal "0"                                                | -3 to +5V                 |
| • for signal "1"                                                | 13 to 30V                 |
| <b>Input delay (for rated value of input voltage)</b>           |                           |
| for standard inputs                                             |                           |
| — parameterizable                                               | Yes; 0.5 / 3 / 15 / 20 ms |
| — at "0" to "1", min.                                           | 1.2 ms                    |
| — at "0" to "1", max.                                           | 4.8 ms                    |
| <b>Cable length</b>                                             |                           |
| • unshielded, max.                                              | 30 m                      |
| <b>Encoder</b>                                                  |                           |
| <b>Connectable encoders</b>                                     |                           |
| • 2-wire sensor                                                 | Yes                       |
| — permissible quiescent current (2-wire sensor), max.           | 1.5 mA                    |
| <b>Dimensions</b>                                               |                           |
| Width                                                           | 87 mm; Width module 60 mm |
| Height                                                          | 110 mm                    |
| Depth                                                           | 55 mm                     |
| <b>last modified:</b>                                           | 08/12/2017                |